



United States Department of the Interior

UNITED STATES GEOLOGICAL SURVEY

Biological Resources Division

Northern Prairie Wildlife Research Center

8711 37th Street Southeast

Jamestown, ND 58401-7317

SEP 19 1997

September 16, 1997

Mr. John Lalor
Tewauken National Wildlife Refuge
9754 143 1/2 Avenue SE
Cayuga, ND 58013-9764

Dear Mr. Lalor: *John*

As you may recall, you granted permission to researchers from Northern Prairie Wildlife Research Center to conduct wetland bird surveys on WPAs in the Madison District. On May 26-29 and July 1, Mike Whitt and Jerry Toll visited the following wetlands and recorded numbers of breeding pairs.

Wetland location: Sargent County, ND; T129N., R53W., Sec. 4, Qtr. NW

WPA: Krause

Wetland type: seasonal

Date of survey: May 28, 1997

American Coot	3	Redhead	11
Barn Swallow	1	Red-winged Blackbird	1
Black Tern	1	Ruddy Duck	4
Blue-winged Teal	4	Savannah Sparrow	1
Killdeer	1	Song Sparrow	1

Blue-winged Teal were found nesting.

Wetland location: Sargent County, ND; T129N., R53W., Sec. 4, Qtr. NW

WPA: Krause

Wetland type: seasonal

Date of survey: May 28, 1997

American Coot	1	Mallard	1
Black Tern	1	Red-winged Blackbird	2
Blue-winged Teal	4	Savannah Sparrow	1
Gadwall	1	Sedge Wren	1

Wetland location: Sargent County, ND; T129N., R53W., Sec. 5, Qtr. NE

WPA: Krause

Wetland type: seasonal

Date of survey: May 28, 1997

American Coot	2	Brown-headed Cowbird	2
American Wigeon	1	Red-winged Blackbird	3
Bobolink	2	Song Sparrow	1
Blue-winged Teal	2		

American Coots were found nesting.

Wetland location: Sargent County, ND; T129N., R53W., Sec. 5, Qtr. NE

WPA: Krause

Wetland type: seasonal

Date of survey: May 28, 1997

American Coot	1	Gadwall	1
Blue-winged Teal	6	Mallard	2
Brown-headed Cowbird	1	Pied-billed Grebe	1
Canada Goose	1	Red-winged Blackbird	2
Clay-colored Sparrow	1		

Canada Geese were found nesting.

Wetland location: Sargent County, ND; T129N., R56W., Sec. 2, Qtr. NW

WPA: Evanson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	2	Mallard	1
Blue-winged Teal	3	Mourning Dove	3
Clay-colored Sparrow	1	Redhead	1
Common Grackle	4	Red-winged Blackbird	7
Common Yellowthroat	2	Song Sparrow	1
Eastern Kingbird	1	Yellow Warbler	2
Gadwall	1	Yellow-headed Blackbird	6
Green-winged Teal	1		

Wetland location: Sargent County, ND; T129N., R56W., Sec. 2, Qtr. NW

WPA: Evanson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	1	Red-winged Blackbird	2
Blue-winged Teal	4	Savannah Sparrow	1
Common Yellowthroat	1	Song Sparrow	1
Killdeer	1	Sora	1

Wetland location: Sargent County, ND; T129N., R56W., Sec. 2, Qtr. NW

WPA: Evanson

Wetland type: seasonal

Date of survey: May 28, 1997

American Bittern	1	Common Grackle	2
American Coot	3	Common Yellowthroat	2
Black-crowned Night Heron	1	Red-winged Blackbird	2
Blue-winged Teal	1	Song Sparrow	1
Clay-colored Sparrow	1		
American Coots were found nesting.			

Wetland location: Sargent County, ND; T129N., R56W., Sec. 2, Qtr. NW

WPA: Evanson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	1	Pied-billed Grebe	1
Black Tern	1	Redhead	2
Blue-winged Teal	3	Red-winged Blackbird	7
Cliff Swallow	1	Ring-necked Duck	1
Common Yellowthroat	1	Ruddy Duck	2
Marsh Wren	12	Yellow-headed Blackbird	15

Wetland location: Richland County, ND; T130N., R51W., Sec. 22, Qtr. SW

WPA: unknown

Wetland type: semipermanent

Date of survey: May 29, 1997

American Coot	2	Mallard	2
Blue-winged Teal	6	Red-winged Blackbird	10
Bobolink	2	Song Sparrow	2
Clay-colored Sparrow	2	Virginia Rail	2
Common Yellowthroat	6	Yellow Warbler	4
Killdeer	3	Yellow-headed Blackbird	8

Wetland location: Richland County, ND; T130N., R51W., Sec. 22, Qtr. NW

WPA: unknown

Wetland type: semipermanent

Date of survey: May 29, 1997

American Goldfinch	2	House Wren	2
Barn Swallow	1	Lesser Scaup	1
Blue-winged Teal	3	Mallard	1
Brown-headed Cowbird	1	Northern Pintail	1
Clay-colored Sparrow	1	Pied-billed Grebe	1
Common Grackle	4	Red-winged Blackbird	3
Common Yellowthroat	1	Song Sparrow	2
Eastern Kingbird	1	Yellow Warbler	7
Gadwall	1		

Wetland location: Sargent County, ND; T130N., R51W., Sec. 29, Qtr. SE

WPA: unknown

Wetland type: semipermanent

Date of survey: May 29, 1997

American Coot	3	Pied-billed Grebe	1
Black Tern	1	Redhead	1
Brown-headed Cowbird	1	Red-winged Blackbird	7
Clay-colored Sparrow	1	Ruddy Duck	1
Common Yellowthroat	1	Sora	3
Mallard	1	Virginia Rail	1
Marsh Wren	4	Yellow-headed Blackbird	19

Wetland location: Sargent County, ND; T130N., R55W., Sec. 5, Qtr. NE

WPA: unknown

Wetland type: semipermanent

Date of survey: May 27, 1997

American Coot	8	Common Yellowthroat	2
Black Tern	1	Marsh Wren	2
Blue-winged Teal	1	Red-winged Blackbird	4
Brown-headed Cowbird	1	Ruddy Duck	3
Common Grackle	1	Song Sparrow	1
Common Snipe	1	Yellow-headed Blackbird	2

Wetland location: Sargent County, ND; T130N., R55W., Sec. 5, Qtr. NE

WPA: unknown

Wetland type: semipermanent

Date of survey: May 27, 1997

Blue-winged Teal	2	Red-winged Blackbird	3
Common Grackle	5	Sora	1
Common Snipe	1	Yellow-headed Blackbird	2

Wetland location: Sargent County, ND; T130N., R55W., Sec. 33, Qtr. NE

WPA: Klefstad

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	15	Northern Pintail	2
Blue-winged Teal	10	Northern Shoveler	1
Common Grackle	4	Pied-billed Grebe	1
Eared Grebe	1	Redhead	1
Gadwall	4	Ruddy Duck	1
Green-winged Teal	1	Savannah Sparrow	3
Mallard	5		

Wetland location: Sargent County, ND; T130N., R55W., Sec. 33, Qtr. NW

WPA: Klefstad

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	2	Blue-winged Teal	2
Black-crowned Night Heron	1	Gadwall	1
Black Tern	1	Yellow-headed Blackbird	13

Wetland location: Sargent County, ND; T130N., R55W., Sec. 33, Qtr. NW

WPA: Klefstad

Wetland type: semipermanent

Date of survey: May 28, 1997

American Bittern	1	Mourning Dove	3
American Coot	4	Redhead	3
Black-crowned Night Heron	1	Red-winged Blackbird	7
Blue-winged Teal	1	Ring-necked Duck	2
Common Grackle	2	Ruddy Duck	4
Gadwall	3	Sora	3
Lesser Scaup	1	Wilson's Phalarope	2
Mallard	1	Yellow-headed Blackbird	23

Wetland location: Sargent County, ND; T130N., R56W., Sec. 2, Qtr. SE

WPA: unknown

Wetland type: semipermanent

Date of survey: May 27, 1997

American Bittern	1	Mallard	1
American Coot	6	Marsh Wren	14
Black Tern	2	Mourning Dove	1
Blue-winged Teal	5	Pied-billed Grebe	1
Brown-headed Cowbird	3	Redhead	4
Clay-colored Sparrow	1	Red-winged Blackbird	9
Common Grackle	7	Ring-necked Duck	1
Common Snipe	2	Ruddy Duck	3
Common Yellowthroat	3	Sora	6
Eastern Kingbird	1	Virginia Rail	3
Gadwall	2	Yellow-headed Blackbird	36

American Coots were found nesting.

Wetland location: Sargent County, ND; T130N., R56W., Sec. 25, Qtr. SE

WPA: Olson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	4	Marsh Wren	2
Black Tern	9	Pied-billed Grebe	1
Blue-winged Teal	3	Redhead	2
Canada Goose	1	Red-winged Blackbird	7
Common Grackle	3	Ring-necked Duck	1
Eastern Kingbird	1	Song Sparrow	1
Killdeer	1	Sora	1
Mallard	2	Yellow-headed Blackbird	19

Red-winged Blackbirds were found nesting.

Wetland location: Sargent County, ND; T130N., R56W., Sec. 25, Qtr. SE

WPA: Olson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Goldfinch	2	Mourning Dove	2
Blue-winged Teal	2	Red-winged Blackbird	3
Common Grackle	8	Sora	1
Common Yellowthroat	2		

Mourning Doves were found nesting.

Wetland location: Sargent County, ND; T130N., R56W., Sec. 25, Qtr. SE

WPA: Olson

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	4	Marsh Wren	4
Black Tern	1	Pied-billed Grebe	1
Blue-winged Teal	5	Redhead	1
Clay-colored Sparrow	1	Red-winged Blackbird	5
Common Grackle	3	Ring-necked Duck	1
Common Yellowthroat	6	Song Sparrow	2
Eastern Kingbird	1	Tree Swallow	1
Gadwall	1	Yellow-headed Blackbird	2

Red-winged Blackbirds were found nesting.

Wetland location: Sargent County, ND; T131N., R56W., Sec. 31, Qtr. SW

WPA: Saunders

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	7	Mallard	1
Black-crowned Night Heron	1	Marsh Wren	3
Black Tern	1	Pied-billed Grebe	2
Blue-winged Teal	3	Red-winged Blackbird	4
Bobolink	1	Ruddy Duck	1
Common Yellowthroat	1	Yellow-headed Blackbird	15
Gadwall	5		

Wetland location: Sargent County, ND; T131N., R56W., Sec. 31, Qtr. SW

WPA: Saunders

Wetland type: semipermanent

Date of survey: May 28, 1997

American Coot	3	Red-winged Blackbird	4
Blue-winged Teal	2	Ruddy Duck	4
Common Yellowthroat	1	Savannah Sparrow	1
Gadwall	1	Sora	1
Marsh Wren	9	Virginia Rail	1
Pied-billed Grebe	1	Yellow-headed Blackbird	22
Redhead	4		

Yellow-headed Blackbirds were found nesting.

Wetland location: Sargent County, ND; T132N., R54W., Sec. 13, Qtr. SW

WPA: Gainor

Wetland type: semipermanent

Date of survey: May 27, 1997

American Coot	10	Mallard	6
Baltimore Oriole	1	Marsh Wren	1
Blue-winged Teal	26	Northern Pintail	1
Brown-headed Cowbird	3	Northern Shoveler	7
Canada Goose	2	Pied-billed Grebe	1
Clay-colored Sparrow	3	Redhead	2
Common Grackle	3	Red-winged Blackbird	7
Common Yellowthroat	4	Ruddy Duck	1
Eastern Kingbird	1	Savannah Sparrow	4
Gadwall	2	Song Sparrow	5
Green-winged Teal	2	Yellow Warbler	1
Lesser Scaup	6	Yellow-headed Blackbird	6

Wetland location: Sargent County, ND; T132N., R54W., Sec. 14, Qtr. SE

WPA: Gainor

Wetland type: semipermanent

Date of survey: May 27, 1997

Blue-winged Teal	2	Marsh Wren	1
Brown-headed Cowbird	1	Red-winged Blackbird	1

Wetland location: Ransom County, ND; T133N., R58W., Sec. 4, Qtr. NE

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	1	Mallard	2
Blue-winged Teal	4	Northern Pintail	1
Brown-headed Cowbird	1	Northern Shoveler	1
Common Grackle	1	Red-winged Blackbird	3
Eastern Kingbird	1	Savannah Sparrow	1
Gadwall	1	Sora	1
Green-winged Teal	1	Wilson's Phalarope	1
Killdeer	1	Yellow-headed Blackbird	1

American Coots were found nesting.

Date of second survey: July , 1997

American Coot	2	Common Yellowthroat	3
Black Tern	1	Mallard	1
Blue-winged Teal	3	Red-winged Blackbird	4
Brown-headed Cowbird	1	Sora	1
Common Snipe	1	Yellow-headed Blackbird	5

American Coots were found nesting.

Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. SW

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	1	Mallard	2
Blue-winged Teal	1	Red-winged Blackbird	2
Common Grackle	1	Yellow-headed Blackbird	1
Eastern Kingbird	1		

Date of second survey: July 1, 1997

Cliff Swallow	10	Red-winged Blackbird	2
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Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. SW

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

Black Tern	2	Red-winged Blackbird	1
Gadwall	1	Yellow-headed Blackbird	1

Date of second survey: July 1, 1997

Black Tern	1	Red-winged Blackbird	1
Blue-winged Teal	1		

Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. SW

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	1	Gadwall	1
Barn Swallow	1	Yellow-headed Blackbird	1
Blue-winged Teal	3		

Date of second survey: July 1, 1997

Common Yellowthroat	1	Red-winged Blackbird	5
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Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. NE

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	3	Mallard	1
Black Tern	2	Red-winged Blackbird	6
Blue-winged Teal	4	Savannah Sparrow	1
Bobolink	1	Sora	2
Gadwall	1	Yellow-headed Blackbird	6

Date of second survey: July 1, 1997

Black Tern	1	Marsh Wren	8
Blue-winged Teal	3	Red-winged Blackbird	6
Common Yellowthroat	4	Tree Swallow	1
Eastern Kingbird	1	Virginia Rail	2
Green-winged Teal	2	Yellow-headed Blackbird	3
Mallard	1		

Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. SW

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	12	Mallard	2
Barn Swallow	1	Northern Shoveler	2
Brown-headed Cowbird	1	Pied-billed Grebe	2
Black Tern	11	Red-winged Blackbird	5
Blue-winged Teal	6	Ruddy Duck	2
Eared Grebe	7	Savannah Sparrow	1
Eastern Kingbird	1	Song Sparrow	1
Gadwall	2	Yellow-headed Blackbird	6
Killdeer	1		

Date of second survey: July 1, 1997

American Coot	10	Green-winged Teal	1
Black-crowned Night Heron	1	Killdeer	2
Black Tern	10	Lesser Yellowlegs	3
Blue-winged Teal	6	Mallard	4
Cliff Swallow	7	Marsh Wren	3
Common Grackle	5	Pied-billed Grebe	1
Eared Grebe	1	Red-winged Blackbird	2
Franklin's Gull	3	Ruddy Duck	6
Gadwall	1	Yellow-headed Blackbird	4

Wetland location: Ransom County, ND; T133N., R58W., Sec. 5, Qtr. SW

WPA: Buckmiller

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	1	Savannah Sparrow	1
Red-winged Blackbird	2	Yellow-headed Blackbird	1

Date of second survey: July 1, 1997

Red-winged Blackbird	1	Sedge Wren	1
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Wetland location: Ransom County, ND; T135N., R58W., Sec. 26, Qtr. W

WPA: unknown

Wetland type: semipermanent

Date of first survey: May 26, 1997

American Coot	39	Mallard	14
Barn Swallow	5	Marsh Wren	52
Black Tern	2	Mourning Dove	1
Blue-winged Teal	26	Northern Pintail	1
Bobolink	1	Northern Shoveler	14
Brown-headed Cowbird	2	Pied-billed Grebe	2
Canada Goose	3	Redhead	10
Clay-colored Sparrow	6	Red-winged Blackbird	26
Cliff Swallow	5	Ruddy Duck	5
Common Snipe	1	Savannah Sparrow	1
Common Yellowthroat	6	Song Sparrow	5
Eared Grebe	2	Sora	14
Gadwall	12	Virginia Rail	3
Green-winged Teal	1	Willow Flycatcher	1
Killdeer	1	Yellow Warbler	2
Lesser Scaup	3	Yellow-headed Blackbird	45

Date of second survey: July 1, 1997

American Bittern	1	Lesser Yellowlegs	1
American Coot	28	Mallard	13
Barn Swallow	1	Marsh Wren	61
Black-crowned Night Heron	1	Pied-billed Grebe	3
Black Tern	6	Redhead	4
Blue-winged Teal	18	Red-winged Blackbird	20
Canada Goose	1	Ruddy Duck	6
Clay-colored Sparrow	1	Savannah Sparrow	4
Common Grackle	2	Song Sparrow	4
Common Snipe	1	Sora	10
Common Yellowthroat	19	Swamp Sparrow	3
Eared Grebe	15	Tree Swallow	2
Eastern Kingbird	1	Virginia Rail	11
Gadwall	10	Yellow-headed Blackbird	28
Green-winged Teal	3		

American Coots, Blue-winged Teal, Eared Grebes, Mallards, and Pied-billed Grebes were found nesting.

The results of these surveys will be useful in gaining a better understanding of the distribution of wetland bird species and their habitat requirements.

Thank you for cooperating in our study.

Sincerely,



Douglas H. Johnson, Leader
Grasslands Ecosystem Initiative